

R & D CATALOG FORM		DATE
1. PROJECT TITLE/CODE NAME High Precision Stereo Comparator		2. SHORT PROJECT DESCRIPTION (Follow-on) Fabricate a stereoscopic comparator with 10X to 200X zoom magnification, a 2 to 1 anamorphic correction, and automatic stereo tracking and correlation.
3. CONTRACTOR NAME		4. LOCATION OF CONTRACTOR
5. CLASS OF CONTRACTOR Manufacturer		6. TYPE OF CONTRACT Fixed Price Incentive
7. FUNDS FY 1967 FY 1968 FY 1969	8. REQUISITION NO.	9. BUDGET PROJECT NO. NP-P-3-11038
10. EFFECTIVE CONTRACT DATE (Begin - end) March 1968 - December 1969		11. SECURITY CLASS. A.A. - Confidential T. - Unclassified W. - Unclassified
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION DDI/NPIC/TSSG/		
13. REQUIREMENT/AUTHORITY This project is in direct response to TID's requirement for a variable power stereo comparator capable of sub-micron measurement on high resolution, small scale photography.		
14. TYPE OF WORK TO BE DONE This 21-month project will entail expenditure of for the fabrication of a high precision stereo comparator based on design work accomplished under Contract		
15. CATEGORIES OF EFFORT		
MAJOR CATEGORY Precision Measurement	SUB-CATEGORIES Photogrammetry Electronics Digital Computers Optics	
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC. The completed instrument will be versatile, computer driven and compatible with present and planned photographic inputs.		
17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION There is no known equipment either under development or commercially available which will satisfy this requirement. This project has been coordinated with DDS&T and COMIREX, and through review of other Agency R&D programs, and it has been determined that there is no duplication.		
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required) All available comparators are based on cartographic requirements. They are not capable of adequate performance on the volume and quality of photography now being exploited for intelligence purposes. This comparator is the first whose features are commensurate with the latest generations of collection systems. Its magnification range, distortion correction, film capacity, and computer-driven optical adjustments will greatly extend the photo analyst's capability.		
19. APPROVED BY AND DATE		
OFFICE	DEPUTY DIRECTOR	DDCI
Approved For Release 2003/12/04 : CIA-RDP78B05171A000100010014-3 Declass Review by NIMA/DOD		

25X1

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ROUTING AND RECORD SHEET

SUBJECT: (Optional) REQUEST FOR A SPLIT-FUNDED CONTRACT WITH [REDACTED] FOR FABRICATION OF A HIGH PRECISION STEREO COMPARATOR AT A COST OF [REDACTED] Plus Fee [REDACTED] from FY 1968)

FROM: Director, National Photographic Interpretation Center  
6N612 [REDACTED]

EXTENSION

NO.

NPIC/D-40-68

DATE

29 February 1968

TO: (Officer designation, room number, and building)

DATE

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Chief, TSSG, NPIC  
Rm 2N214 - [REDACTED]

17 MAR

JWC

Review & Approval

2. Chief, PPBS, NPIC  
Rm 6N222 - [REDACTED]

6 29 Feb

Review

3. Executive Director, NPIC  
Rm 6N212 - [REDACTED]

29 Feb

24

Review

4. Deputy Director, NPIC  
Rm 6N212 - [REDACTED]

(m)

2/29

Review

5. Director, NPIC  
Rm 6N212 - [REDACTED]

1 Mar

ACL

Review & Approval

6. DDI  
Rm 7E44 - HQS.

5 Mar

Review

7. D/PP&B  
Rm 6E08 - HQS.

7/20

YMC

Review

8. Exec-Dir-Compt  
Rm 7D59

12 MAR 1968

LK 1/20

Review

DDCI  
Rm 7D5607

Review & Approval

9.

11. NPIC/TSSG/SS/LB  
Rm 6N214 - [REDACTED]

3/10/68

Action - After approval

Reg- 35-86 30-68 dated 3/10/68

12.

3/19/68

13.

To [REDACTED]

14.

15.